CLAIMS

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- 1. A light control element being equipped with a base plate that has an electrooptic effect, an optical guide and an electrode for modulation that are formed on said base plate, which has ridge structure, wherein:
- an anti-DC drift layer is installed on the surface of the above mentioned base plate where the optical guide is formed; and

annealing treatment is performed after ridge processing.

- A light control element as claimed in claim 1, wherein:
 said anti-DC drift layer is formed by doping anti-drift materials from said base plate.
- 3. A light control element as claimed in claim 2, wherein: said anti-drift materials consist of MgO or ZnO.
- 4. A light control element as claimed in claims 2 and 3, wherein:
 the dope amount of said anti-drift materials accounts for 0.5~7 mole % of said base plate.
 - 5. A light control element as claimed in claims 1 to 4, wherein:

the thickness of said anti-DC drift layer is more than 0.5μ from the surface toward inside of the base plate.